

CLAIMS

Sub
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1. A helicopter blade assembly for permitting rapid forward flight in a helicopter having separate
5 means for providing a forward impetus, comprising:

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Substantially vertical mast; and
a set of rotatable blades which sweep out the shape of a virtual disk having the properties of a lifting body when they are rapidly rotated by the mast.

2. The assembly of claim 1, further comprising means for controlling the camber of the blades, thereby controlling the shape of the virtual
15 disk.

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